# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 19 Jul 2023 until 23:59 on Thursday 20 Jul 2023

Forecast Issued on Wednesday 19 Jul 2023 at 04:02

**Confidence:** High confidence overall for a relatively cool period, lower confidence at this stage regarding timing and extent of rain into the weekend.

**Headline for Wednesday 19 Jul 2023:** Early cloud breaking to give a bright day with occasional showers.

**Mountain weather hazards on Wednesday 19 Jul 2023**

**Blizzards**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
High Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| FOG | | | | | |
| Fog | Cloudy | Light rain showers | Light rain showers | Sunny intervals | Clear night |
| Precipitation probability | | | | | |
| 10% | <05% | 30% | 30% | 20% | <05% |

**Forecast for Wednesday 19 Jul 2023**

**Weather:** Early low cloud bringing occasional light rain or drizzle, but lifting and breaking to leave plenty of bright spells into the day. Occasional showers developing into the afternoon however, some perhaps locally heavy, especially across eastern parts into the afternoon and early evening. Drier into the evening as showers fade away and skies clear.

**Chance of cloud-free hill tops above 600m:** 30%, becoming 90% through the morning.

**Low Cloud and visibility:** Occasional low cloud, particularly on western facing slopes first thing, bases down to around 300-400m. Cloud breaking and lifting to above all but the very highest summits by mid-morning and through the rest of the day. Poor visibility at first in low cloud, but improved conditions thereafter, with generally excellent visibility outside of any afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Wednesday 19 Jul 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 6/7 N | 7/10 NW | 8/12 N | 11/16 NW | 7/11 W | 7/9 SW | 5/7 SW |
| **300** | 7/10 N | 5/9 N | 7/13 NW | 8/15 W | 4/9 W | 3/7 N | 3/6 NW |
| **Valley** | 1/3 NE | 5/9 NW | 8/14 NW | 7/13 W | 6/12 NW | 3/8 N | 3/5 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/8 | 11/9 | 12/11 | 13/10 | 12/11 | 10/9 | 9/8 |
| **300** | 12/11 | 14/13 | 16/15 | 16/14 | 15/14 | 11/11 | 8/8 |
| **Valley** | 13/13 | 16/15 | 18/17 | 18/16 | 16/15 | 13/12 | 10/10 |
| **Freezing Level*** | 2200m | 2100m | 2000m | 2100m | 2100m | 2000m | 1900m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Some locally heavy showers could lead to conditions changing quickly through the afternoon, keep the waterproofs handy. Note that UV levels remain high and sun protection is essential.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Wed 19 Jul 2023 | 5.4mm | 9.2mm | 18mm |

**Forecast for Thursday 20 Jul 2023**

**Weather:** A generally dry start followed by a mixture of sunny intervals and scattered showers. Showers developing more widely from mid-day into the afternoon, with the odd sharp shower possible. Turning drier into the evening as showers ease to leave clearer skies once again.

**Maximum wind:** West-northwesterly 15-20mph with gusts of 20-25mph

**Chance of cloud-free hill tops above 600m:** 50% becoming 90% by mid-morning.

**Low Cloud and visibility:** Early patches of low cloud quickly lifting with cloud bases then rising above summits by late morning. Generally very good visibility once low cloud clears by morning and outside any heavier afternoon showers.

**Temperature:** **Valleys:** Plus 8 Celsius rising to plus 17 Celsius.
**At 600m:** Plus 8 Celsius rising to plus 13 Celsius.
**Freezing level:** Above summits.

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